Premier Glass Outerwrap HD

Protective Fibreglass Heavy-Duty Outerwrap

Composition
Premier Glass Outerwrap HD is a woven-roven fibreglass impregnated wrap with a water activated resin.

Uses
Premier Glass Outerwrap HD offers excellent performance against abrasion, gouge, impact and fracture to protect Premier Coatings anti-corrosion tapes and Viscotaq products during and after installation in many construction applications. It is used as field applied ARO coating for HDD or boring applications. It is used as a protective outerwrap in applications involving soil-to-air, for above and below water piles, and underground and aboveground pipes. Premier Glass Outerwrap HD is also used for a variety of other applications where additional mechanical protection is required.

Characteristics
Premier Glass Outerwrap HD:

- prevents damage to anti-corrosion coatings,
- provides rapid application and curing time,
- is easy to apply with no mixing or messy cleanup,
- can be applied to dry, underwater or wet surfaces,
- has excellent abrasion, gouge and impact resistance,
- contains no solvents,
- is resistant to water, acids, salts, and soil organics,
- provides a quick, long term protective coating,
- is ready for immediate service,
- can be top-coated for aesthetics, and
- is a CSA Z245.30 component.

Surface preparation
Surfaces must be clean and dry. Remove all loose, rust, scale and flaking coatings or other foreign matter by scraping, wire brushing, high pressure water washing or blast cleaning.

Application
See *Instructions for Use* for additional detail. Ensure your chosen Premier Coatings petrolatum tape or Viscotaq system is correctly installed following product specific data sheet. Irregular surfaces such as valves, flanges, etc. may require the use of Premier Moulding Compound, Premtape LD Mastic Temperate or ViscoMastic prior to product application to transition diameter variations. Refer to the product data sheets for these specific products for information on application and selection.

For the application of Premier Glass Outerwrap HD, use rubber gloves to remove the product from the hermetically sealed foiled pouch. Soak it in temperate water (salt or fresh) for 20 to 30 seconds. Remove from water and begin wrapping product tightly on substrate, overlapping a recommended minimum 50%.

Proceed with a final temporary double layer of Premier Poly-Wrap which shall be immediately applied over and in the same direction as the uncured Premier Glass Outerwrap HD. This allows all seams of the Premier Glass Outerwrap HD to lay out more smoothly and provides a tighter cured seal. If needed, once compressed, use the Premier Perforating Tool or equivalent to puncture the Premier Poly-Wrap to allow excess resin, moisture and CO_2 to escape during the reaction. The Premier Poly-Wrap should be removed after approximately 15 to 30 minutes depending on temperature.

Availability

Tape width	Roll length	Rolls/ carton	Approx. coverage with 50% overlap
200 mm	12.0 m	10	12.33 m^2/case

Other sizes may be available on request.

Important: Premier Coatings Ltd. pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Premier Coatings Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. Q09303) and an Environmental Management System registered to BS EN ISO 14001 (BSI Certificate no. EMS 677780).

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Premier Glass Outerwrap HD

Cleaning
Remove any resin immediately from any contaminated surface using a clean dry cloth. If a solvent is required, use xylene or dibasic ester or comparable solvent containing essentially no water.

Storage
Shelf life is 12 months when stored in original packaging at 5°C to 32°C. Do not store in direct sunlight.

Waste material
Please make sure any unused product and any resin remaining in the foil pouch is fully cured before discarding as waste. Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

Typical Properties

Thickness	0.61 mm	
Flexural Strength	180 MPa	ASTM D790
Tensile Strength		ASTM D3039
Strength	220 MPa	
Modulus	17.9 GPa	
Strain	1.31%	
Tabor Abrasion		ASTM D4060-14
Wear index	81.5 mg/1000 cycles	
Thickness loss (after 1000 cycles)	95 microns	
Initial thickness avg.	1.2 mm	
Compression Strength	274 MPa	ASTM D695-15
Lap Shear Strength	15.6 MPa	ASTM D5868-01R14
Dielectric Strength	8700 V/mm	ASTM D149-09 (2013)
Impact Resistance	126 J	NACE SP 0394
Maximum service temperature	121°C	
Setting time		
@ 21°C	30 minutes	
@ 32°C	15 minutes	

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